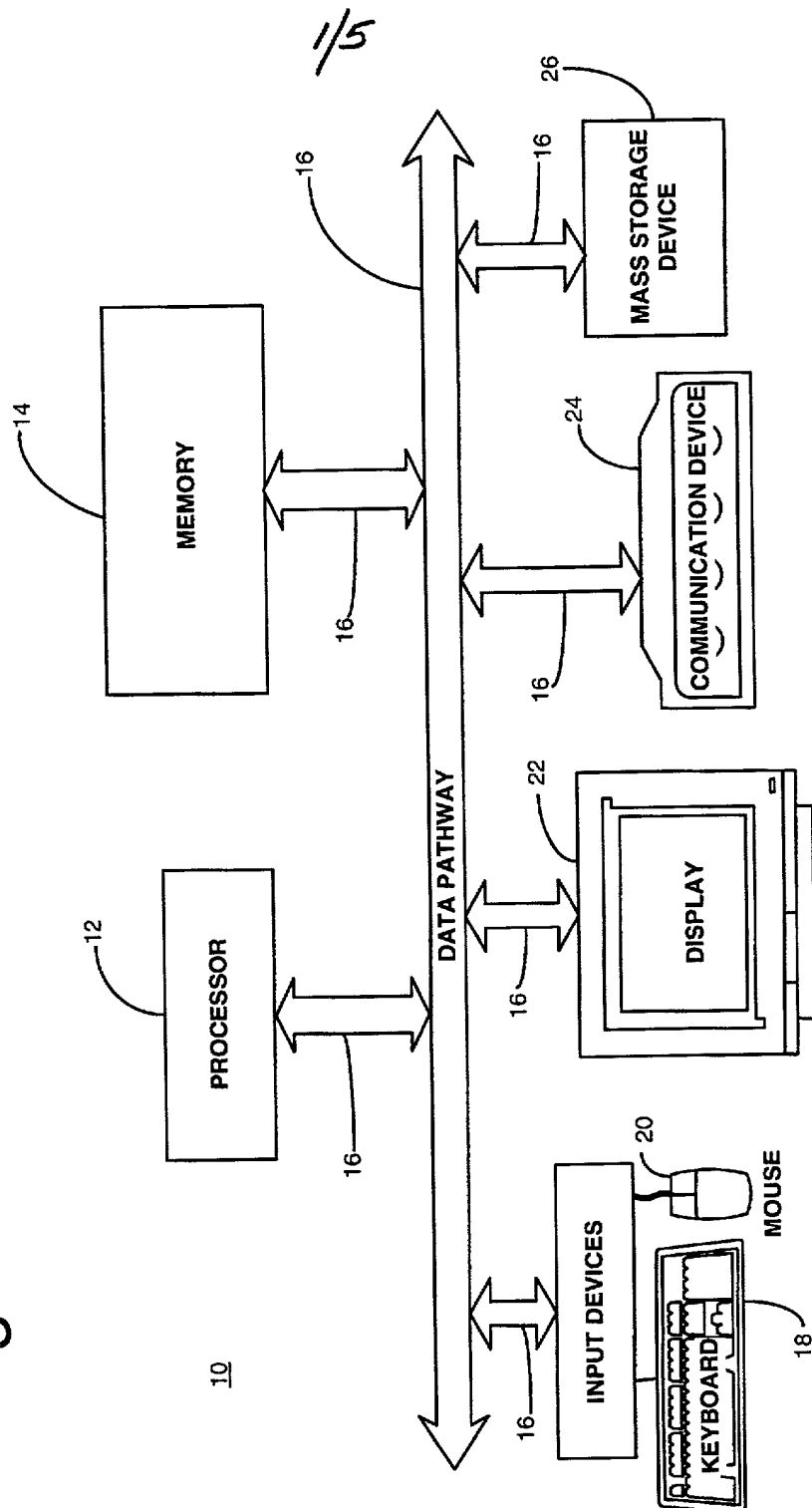


Fig. 1



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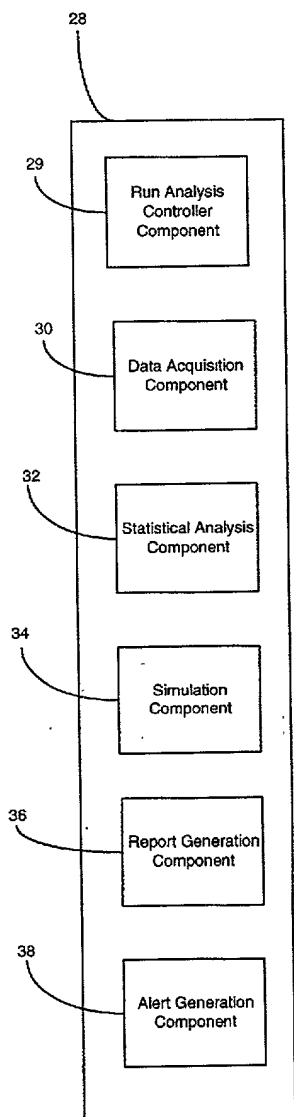


Fig. 2

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40

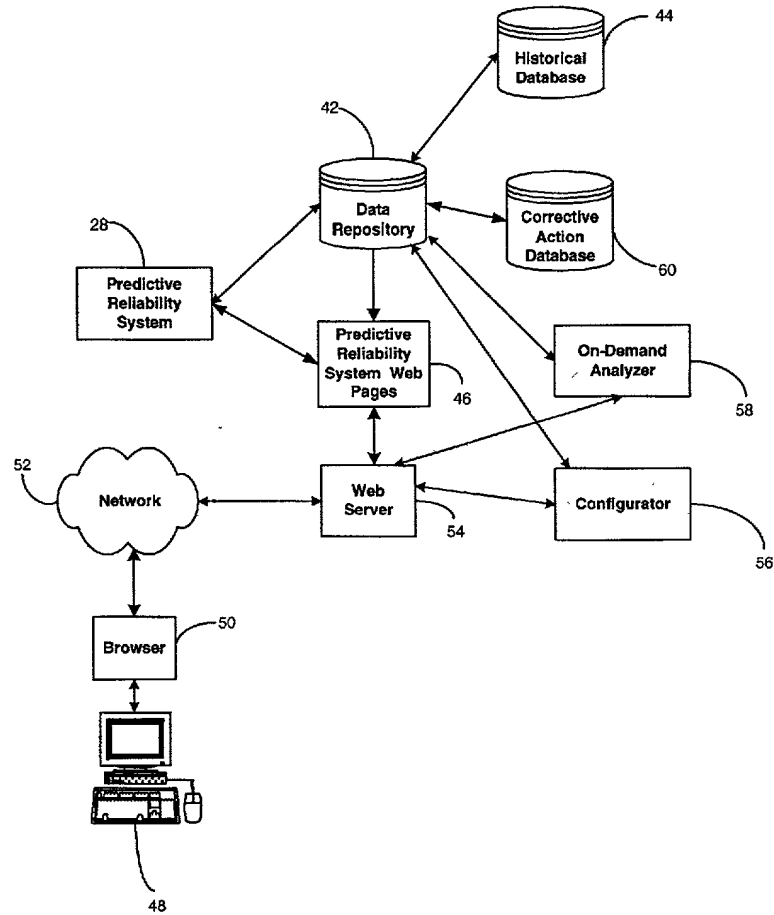


Fig. 3

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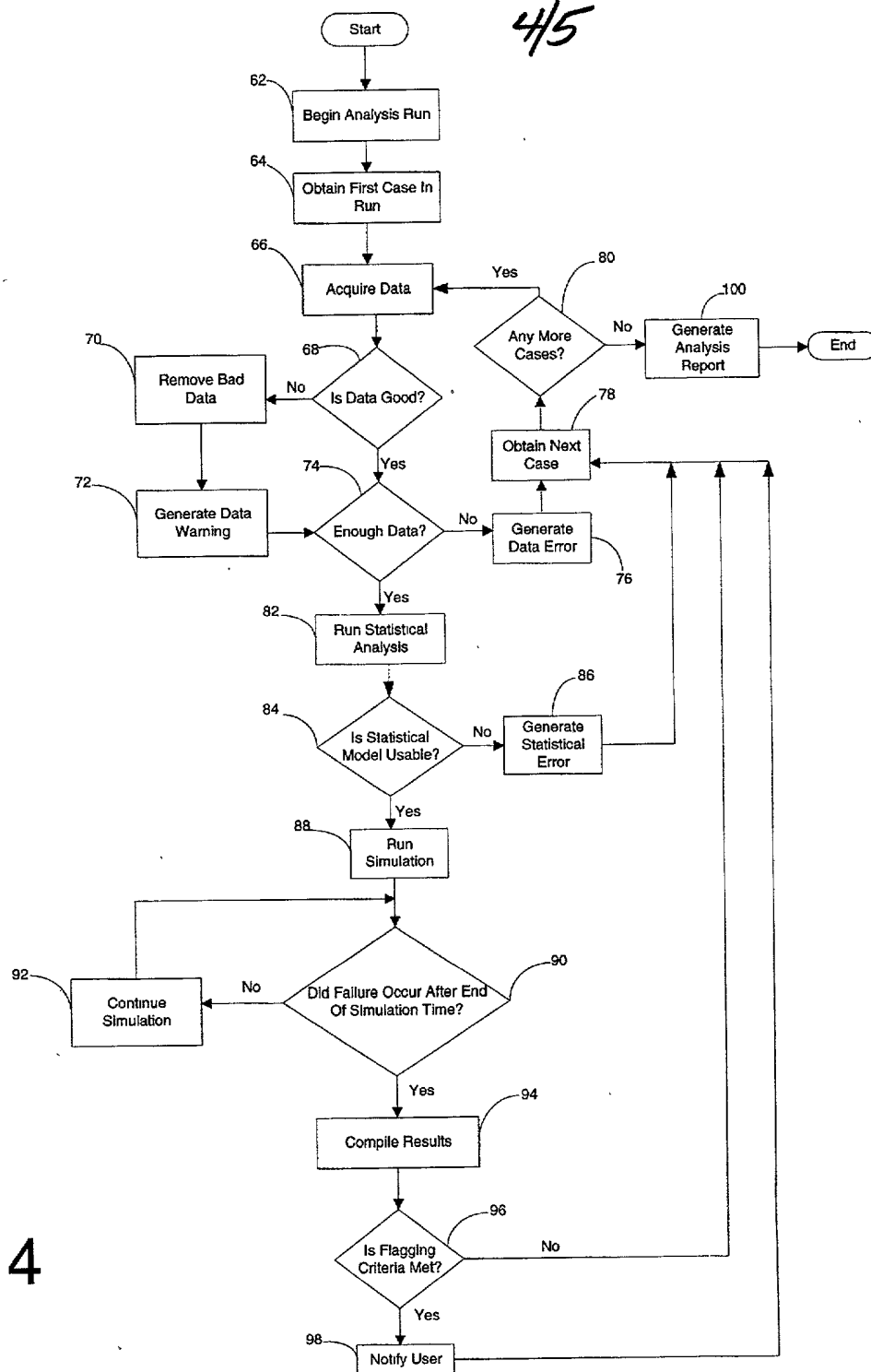


Fig. 4

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OUTPUT OF FLAGGED

Early Warning System

Data inputs

Data File: C:\My Documents\on_INTERCOOLERS new insert data.xls

Workbook: on_INTERCOOLERS new insert data.xls

Worksheet: sum data all floors no part

Customer: CMC

Model: D9

Flows: 3, 4, & 5

RU Code(s): 8701

RU Description: Autoclave

Bayonet Sub-System: engine

Data Range: Start Date: 01/01/00 End Date: 01/01/01

Expectation inputs

Expected F/S: 0.0115

Simulation inputs

Periods: 8

Days: 180

Number of Life Cycles: 8

Number of CB Iterations: 1000

Weibull Parameter Estimates

beta: 1.6

eta: 1575.96

Output Summary

	Period 1	Period 2	Period 3	Period 4
Failures	19.61	21.66	22.18	24.26
F/S	0.1941	0.2133	0.2281	0.2386

Failure Details

	Period 1	Period 2	Period 3	Period 4
Failures	19.61	21.66	22.18	24.26
Lower 5%	17.00	19.00	19.00	17.00
Upper 5%	22.00	24.00	24.00	26.00

F/S Details

	Period 1	Period 2	Period 3	Period 4
F/S	0.1941	0.2133	0.2281	0.2386
Lower 5%	0.1831	0.2077	0.2177	0.2273
Upper 5%	0.2058	0.2189	0.2386	0.2500

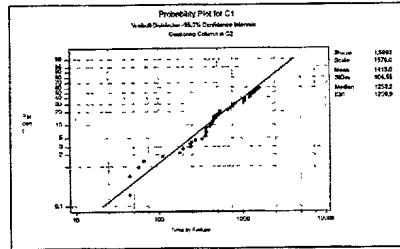
Recap
Input
Data

Weibull
Parameters

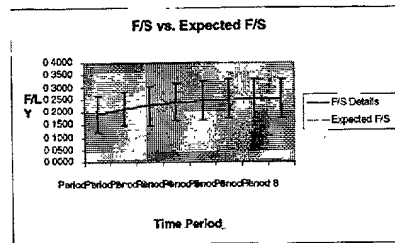
Time
Period

Failures

Failure/System



WeibullPlot



Predictions v.s. Expected over

Fig. 5